

Message Text

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21

ORIGIN INT-05

INFO OCT-01 ARA-10 ISO-00 EB-07 OES-06 /029 R

DRAFTED BY INT:USGS/HLFLEMING

APPROVED BY ARA/BC/B: ROBERT PACE

INT:USGS/GEERICKSEN

EB/ORF/ISM: A. HEWITT, JR.(INFO)

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R 070136Z AUG 76

FM SECSTATE WASHDC

TO AMEMBASSY LA PAZ

UNCLAS STATE 196185

E.O. 11652: N/A

TAGS: TGEN BL US

SUBJECT: LITHIUM DISCOVERY IN SALAR DE UYUNI

REF: (A) LA PAZ 5872 (B) LA PAZ 5508 (C) STATE 171958

1. USGS/W ADVISES THAT ANALYSIS OF THE TWO BRINE SAMPLES FROM SALAR DE UYUNI ARE AS FOLLOWS (VALUES ARE IN PARTS PER MILLION): SU-2 (COLCHANI SALT WORKS) -- 1800 HCO₃, 32,600 SO₄, 161,000 C1 17F, 210 BR I, 36,200 MG, 40,600 NA, 24,100 K, LESS THAN 50 SR, 1510 LI, 722 B, 6.4 P, 18SIO, 0.16 FE, AND 2.0 MN; TOTAL DISSOLVED SOLIDS 338,000 SU-16 (POOL IN SALAR NEAR ISLA DE LOS PESCADORES) 735 HCO₃, 18,100 SO₄, 155,000 C1, 4.0F, 96 BR I, 133 CA, 12,300 MG, 80,400 NA, LESS THAN 50 SR, 490 LI, 527 B, 0.88 P, 7.9S; OZ 0.03 FE, 2.5 MN; TOTAL DISSOLVED SOLIDS 302,000. THE ANALYSES WERE MADE BY SHIRLEY L. RE ARG, WATER RESOURCES DIVISION, USGS. HIGH VALUES OF POTASSIUM ARE PARTICULARLY IMPORTANT BECAUSE THEY REPRESENT POTENTIAL NEW MAJOR SOURCE OF POTASH FERTILIZER.

2. REF.(A) ERICKSEN AND VINE TENTATIVE ETA SEPTEMBER 12. WILL ADVISE FLIGHT DATA LATER.

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3. REF. (A) ITEM 3. DESIRABLE TO HAVE GASOLINE POWERED
HAND HELD DRILL IF AVAILABLE LOCALLY. USGS WILL BRING
OTHER NECESSARY SAMPLING EQUIPMENT AND SUPPLIES. HABIB

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Message Attributes

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